

*S850/2
Subsidiary ICT
Practical Paper
2 Hours*

**UGANDA ADVANCED CERTIFICATE OF EDUCATION
SUBSIDIARY ICT
S850/2
PRACTICAL PAPER
2 HOURS**

INSTRUCTIONS TO CANDIDATES:

Each candidate is provided with a new Compact Disc ROM where all the work will be stored.

Each candidate has a printer connected to his / her machine.

Each candidate is provided with blank printing papers of A4 size.

This paper is made up of five questions.

Answer only three questions in all.

Use of self help wizards and templates are not allowed.

1. Using word processing application software of your choice typeset the following text as it appears and save as 'abacus'. (03 marks)

the abacus

The abacus is a device, usually of wood (plastic, in recent times), having a frame that holds rods with freely-sliding beads mounted on them. Traditionally the Chinese abacus has 2 beads in the top section over the horizontal bar and 5 beads in the lower section, for each "column". The upper row beads could each represent one hand. The lower columns could represent the 10 fingers.

The earliest counting devices known to man were his own hands and fingers. If that wasn't enough, things in nature were used like shells, twigs, pebbles, stones, and so forth. It is a good idea to think about the history of arithmetic, mathematics, writing and recorded information. Man's invention of the computer resulted from man's need to quantify, to count and to do mathematic calculations.

Instructions:

- a) Copy your work and paste it on page four of your document. (02 marks)
- b) Format heading to upper case, bold, underline and font size 16. (04 marks)
- c) Justify align the content. (02 marks)
- d) Underline the word 'abacus' wherever it appears in your work. (02 marks)
- e) Set your work in Times New Roman font face. (02 marks)
- f) Insert a header your name and footer your class. (02 marks)
- g) Copy your work on page four to a new document and save as 'abacus_new'. Do not print this work. (03 marks)

2. Beginning from cell A1, key in this data into a suitable spreadsheet program of your choice and save as 'family'. (04 marks)

Name	Net Income	Medical	Housing	Feeding	Savings
		35%	10%	25%	30%
Lubwama	1,000,000				
Nanokha	2,000,000				
Oboyio	1,800,000				
Aleba	800,000				
Mbabazi	450,000				
Sempala	2,000,000				
Masaba	800,000				
Naituni	300,000				
Kibuye	1,000,00				
Akankwatsa	3,000,000				

Instructions:

- a) Complete the spreadsheet using percentages given for each column respectively. (02 marks)
- b) Apply line borders to make your work look professional. (02 marks)
- c) Insert a row between Masaba and Sempala for Nabweteme and insert 1,200,000. (02 marks)

- d) Allow the rest of the columns to automatically calculate the required amounts. (02 marks)
- e) Format your data to hold the mask for ‘Shs’ in each column before the amount in each case. (02 marks)
- f) Using the columns for savings and name, create a pie – chart of your choice to represent the above data. Let your chart rest in sheet3 of your workbook. Add footer your name and header your class in each sheet. (04 marks)
- g) Insert an automatic date in each sheet where your work is stored. (02 marks)
3. The Ministry of Education and Sports is to embark on sensitizing students on a number of scholarly issues. This year’s theme is ‘**Strikes in Secondary**’. You have been approached to create a presentation to include the following slides.

Slide one: Include Ministry of Education & Sports as your title and your name. (02 marks)

Slide two: Causes of Strikes in Schools. (02 marks)

Slide three: Solutions to Strikes in Schools. (02 marks)

Slide four: Conclusion Slide. (02 marks)

Instructions

- a) Generate content for each slide. Ensure that your presentation is attractive to your audience. (02 marks)
- b) Use relevant minimal graphics. (02 marks)
- c) Apply simple appropriate background. (02 marks)
- d) Insert your name as footer, slide numbers and today’s date but make it fixed. (02 marks)
- e) Automate your presentation until one presses ESC. (02 marks)
- f) Save your work as ‘strikes’. (02 marks)
4. Create a database saved as ‘supermarket’ to hold the following two tables. (02 marks)

Table 1: Product_Name

Product_ID	Name	Location	Unit_Cost	Product_Number
SSS-001	Soda	4	1,000	PST0010
SSS-002	Rwenzori	4	1,200	PST0011
SSS-003	Television Set	3	800,000	PST0012
SSS-004	Cooker	3	700,000	PST0013
SSS-005	Juice Blender	3	150,000	PST0014
SSS-006	Books	4	8,900	PST0015
SSS-007	Cutlery	3	15,000	PST0016

Table 2: Paid

Product_Number	Quantity
PST0010	400
PST0011	800
PST0012	10
PST0013	18
PST0014	41
PST0015	3,000
PST0016	1,000

Instructions:

- a) Create two tables and save each using a given table name. (07 marks)
 - b) Insert a primary key in each table. (04 marks)
 - c) Create a one-to-many table relationship. (02 marks)
 - d) Design a form with a yellow background to enter the above data. The form should have a filename 'entry'. (04 marks)
 - e) Create a query to return all the field names in table 1 and only quantity field from table 2. Add a new field name 'payment'. Hence determine the amount paid for each product. Save the query as 'calculated'. (05 marks)
 - f) Create a report from your query to return all the items saved as 'all'. (02 marks)
 - g) Print each database object created. (04 marks)
5. Using a Desktop Publishing Program of your choice, design the following Cash Receipt and make four copies on your publication page. Set the guides to the following positions: 2cm, 10.7cm, 11cm and 19.7cm (all vertical) and 1.5cm, 11.5cm, 12cm and 22cm horizontal. (12 marks)

KK TRANSPORTERS LIMITED			
P.O. BOX 7000			
KAMPALA			
<i>Dealers in electronics and electricity equipment</i>			
Item	Quantity	Unit Price (shs)	Amount (shs)

- (a)Font size should be 12 for the three line heading and the rest of the work in font size 10. (02 marks)
- (b)Font colour is black. (02 marks)
- (c)Font face (style) is Arial Narrow. (02 marks)
- (d)Insert header your name and footer your index number. (02 marks)

End